

Resource Summary Report

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XDS Program Package

RRID:SCR_015652

Type: Tool

Proper Citation

XDS Program Package (RRID:SCR_015652)

Resource Information

URL: <http://xds.mpimf-heidelberg.mpg.de/>

Proper Citation: XDS Program Package (RRID:SCR_015652)

Description: Software for x-ray detection and processing single-crystal monochromatic diffraction data recorded by the rotation method. XDS can process data images from CCD-, imaging-plate-, multiwire-, and pixel-detectors in a variety of formats.

Abbreviations: XDS

Synonyms: XDS, XDS Package

Resource Type: software toolkit, software application, data processing software, software resource, image processing software

Keywords: x-ray detection, monochromatic diffraction, single-crystal, image processing, multi-segment detector, nfs environment

Availability: Free, Available for download, License required for commercial use, Runs on Linux, Runs on Mac OS

Resource Name: XDS Program Package

Resource ID: SCR_015652

Alternate URLs: <https://strucbio.biologie.uni-konstanz.de/xdswiki/index.php/Xds>

Record Creation Time: 20220129T080326+0000

Record Last Update: 20260801T042751+0000

Ratings and Alerts

No rating or validation information has been found for XDS Program Package.

No alerts have been found for XDS Program Package.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 328 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Esdar C, et al. (2025) M4205 (IDRX-42) Is a Highly Selective and Potent Inhibitor of Relevant Oncogenic Driver and Resistance Variants of KIT in Cancer. *Molecular cancer therapeutics*, 24(7), 1040.

Benjamin JS, et al. (2025) 23ME-01473, an Fc Effector-Enhanced Anti-ULBP6/2/5 Antibody, Restores NK Cell-Mediated Antitumor Immunity through NKG2D and FcγRIIIa Activation. *Cancer research communications*, 5(3), 476.

Tangpeerachaikul A, et al. (2025) Zidesamtinib Selective Targeting of Diverse ROS1 Drug-Resistant Mutations. *Molecular cancer therapeutics*, 24(7), 1005.

Nakazawa Y, et al. (2025) Structure and function of a β -1,2-galactosidase from *Bacteroides xylanisolvens*, an intestinal bacterium. *Communications biology*, 8(1), 66.

Markusson S, et al. (2025) Nanobodies against the myelin enzyme CNPase as tools for structural and functional studies. *Journal of neurochemistry*, 169(1), e16274.

Le Bas A, et al. (2025) Structure of WzxE the lipid III flippase for Enterobacterial Common Antigen polysaccharide. *Open biology*, 15(1), 240310.

Raig ND, et al. (2025) Type-II kinase inhibitors that target Parkinson's Disease-associated LRRK2. *bioRxiv : the preprint server for biology*.

Yudenko A, et al. (2025) Structural basis of signaling complex inhibition by IL-6 domain-swapped dimers. *Structure (London, England : 1993)*, 33(1), 171.

Raig ND, et al. (2025) Type II kinase inhibitors that target Parkinson's disease-associated LRRK2. *Science advances*, 11(23), eadt2050.

Machner L, et al. (2025) Mechanism of SHP2 activation by bis-Tyr-phosphorylated Gab1. *Structure (London, England : 1993)*.

Hulin-Curtis S, et al. (2024) A targeted single mutation in influenza A virus universal epitope transforms immunogenicity and protective immunity via CD4⁺ T cell activation. *Cell reports*, 43(6), 114259.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. *Immunity*, 57(5), 1141.

Nishio S, et al. (2024) ZP2 cleavage blocks polyspermy by modulating the architecture of the egg coat. *Cell*, 187(6), 1440.

Ren X, et al. (2023) Structural basis for ATG9A recruitment to the ULK1 complex in mitophagy initiation. *Science advances*, 9(7), eadg2997.

Chen Y, et al. (2023) Structural definition of HLA class II-presented SARS-CoV-2 epitopes reveals a mechanism to escape pre-existing CD4+ T cell immunity. *Cell reports*, 42(8), 112827.

Thai E, et al. (2023) Molecular determinants of cross-reactivity and potency by VH3-33 antibodies against the *Plasmodium falciparum* circumsporozoite protein. *Cell reports*, 42(11), 113330.

Ray S, et al. (2023) High-resolution structures with bound Mn²⁺ and Cd²⁺ map the metal import pathway in an Nramp transporter. *eLife*, 12.

Healy MD, et al. (2023) Structure of the endosomal Commander complex linked to Ritscher-Schinzel syndrome. *Cell*, 186(10), 2219.

Motouchi S, et al. (2023) Identification of enzymatic functions of osmo-regulated periplasmic glucan biosynthesis proteins from *Escherichia coli* reveals a novel glycoside hydrolase family. *Communications biology*, 6(1), 961.

Hara M, et al. (2023) Centromere/kinetochore is assembled through CENP-C oligomerization. *Molecular cell*, 83(13), 2188.